

SEARCHED

| Class | Sub. | Date | Exmr. |
|-------------------|--------------------------------|--------------------------|-------|
| 514 | 12 8 14 15 21 | 6/4 6/4/01 | CHK |
| 530 | 350 | | |
| 435 | 69.7 235.1 320.1 69.5 | 6/5/01 | |
| update the search | | 4/4/02 | CHK |
| update the search | | 1/20/02 | CHK |
| update the search | | 4/8/03 | CHK |

INTERFERENCE SEARCHED

| Class | Sub. | Date | Exmr. |
|-------|------|------|-------|
| | | | |
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SEARCH NOTES (INCLUDING SEARCH STRATEGY)

| | Date | Exmr. |
|--|--------------------------------------|------------------------------|
| EAST search on USPAT, DERWENT USPG PUB, EPO JPO; STN search on Medline CAPLUS, BIOSIS EMBASE, (search strategy included) | 6/4/01 6/5/01 | CHK ✓ |
| update the search | 4/4/02 | CHK |
| update the search | 1/20/02 | CHK |
| Inventor name search no opp npp | 1/20/02 | CHK |
| update the search | 4/8/03 | CHK |